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Product Datasheet

Rat Glucagon (GC) ELISA Kit BYT-ORB1806839

Article Name	Rat Glucagon (GC) ELISA Kit
Biozol Catalog Number	BYT-ORB1806839
Supplier Catalog Number	orb1806839
Alternative Catalog Number	BYT-ORB1806839-48,BYT-ORB1806839-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Glucagon (GC) ELISA Kit...
Range	62.5-4000pg/mL
Sensitivity	37.50 pg/mL
UniProt	G3V6P5
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	GC

Application Notes	Application Notes: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Rat GC. During the reaction, Rat GC in the sample or standard competes with a fixed amount of Rat GC on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat GC. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Rat GC in tested samples can be calculated by comparing the OD of the samples to the standard curve
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